

**Notice of Allowability**

Application No.

09/399,995

Examiner

Justin P. Misleh

Applicant(s)

PARK, SANG-SIK

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to After-Final Amendment filed March 24, 2006.
2. ☒ The allowed claim(s) is/are Claims 5, 6, 10, 13, 16, and 19 (now renumbered 1, 2, 4, 3, 5, and 6, respectively).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |



DAVID OMETZ  
SUPERVISORY PATENT EXAMINER

## DETAILED ACTION

### *Allowable Subject Matter*

1. **Claims 5, 6, 10, 13, 16, and 19** (now renumbered 1, 2, 4, 3, 5, and 6, respectively) are allowed.

2. The following is an Examiner's statement of reasons for allowance:

While the closest prior art teaches of an output-compensated buffer comprised of a buffer circuit including an input source follower circuit that receives an input signal and a feedback circuit connected to an output terminal and to the input source follower circuit that is operative to vary an input capacitance of the source follower circuit, wherein the bias terminal of the input source follower circuit is coupled to a power source and wherein the feedback circuit is variably capacitively coupled the power source and the bias terminal, wherein the input source follower circuit is comprised of a first transistor having a source terminal, a gate terminal configured to receive the input signal, and a drain terminal connected to the power source through a resistor and a second transistor having a drain terminal connected to the source terminal of the first transistor, a source terminal connected to a signal ground and a gate terminal configured to receive a control signal; and wherein said feedback circuit is coupled to the drain terminal of said first transistor;

However, the closest prior art does not teach or fairly suggest wherein the feedback circuit comprises a second source follower circuit having an input terminal that receives an output signal output from the input source follower circuit and an output terminal that is coupled to the bias terminal of the input source follower circuit or wherein the feedback circuit comprises

Art Unit: 2622

a third transistor having a source terminal, a drain terminal connected to the power source, and a gate terminal connected to the output terminal of the buffer circuit and a fourth transistor having a drain terminal connected to the source terminal of the third transistor, a drain terminal connected to a signal ground and a gate terminal configured to receive a control signal; and a capacitor coupled between the drain terminal of the fourth transistor and the drain terminal of the first transistor.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

4. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Justin P Misleh whose telephone number is 571.272.7313. The Examiner can normally be reached on Monday through Friday from 8:00 AM to 5:00 PM.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, David L Ometz can be reached on 571.272.7593. The fax phone number for the organization where this application or proceeding is assigned is 571.273.3000.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

Art Unit: 2622

system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JPM

April 13, 2006

A handwritten signature in black ink, appearing to read 'David Ometz', with a horizontal line extending to the right.

DAVID OMETZ  
SUPERVISORY PATENT EXAMINER